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REMARKS

The Examiner is respectfully thanked for the thoughtful consideration provided to this application. Reconsideration of this application is respectfully requested in light of the foregoing amendments and the following remarks.

The Reply Brief Under 37 C.F.R. §41.41 previously filed on 25 July 2005 is hereby withdrawn and prosecution is re-opened.

Claims 1-139 are pending in this application and have been finally rejected. Each of claims 1, 112-114, and 136-139 are in independent form.

I. Consideration of Submitted References is Requested

On 22 July 2005, an Information Disclosure Statement and PTO Form 1449 listing and providing five references was submitted. It is respectfully requested that those references be expressly considered during the prosecution of this application, that the references be made of record therein, and appear in the "References Cited" section of any patent to issue therefrom. It is respectfully requested that the next communication from the USPTO include a copy of the Form 1449 with the Examiner's initials beside each listed reference.

IL. Generally

Because the legal standards for claim construction have very recently changed, it is not surprising that all of the claim rejections are contrary to those legal standards, and thus improper.

On 12 July 2005, the en banc Federal Circuit, in Phillips v. AWH Corp., No. 03-1269 (Fed. Cir. 2005), clarified that:

1. "[t]he Patent and Trademark Office ('PTO') determines the scope of claims in patent applications not solely on the basis of the claim language, but upon giving claims their broadest reasonable construction in light of the specification as it would be interpreted by one of ordinary skill in the art";

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- 2. the words of a claim "are generally given their ordinary and customary meaning";
- 3. the ordinary and customary meaning of a claim term is "the meaning that the term would have to a person of ordinary skill in the art in question at the time of the invention, i.e., as of the effective filing date of the patent application";
- 4. "the person of ordinary skill in the art is deemed to read the claim term not only in the context of the particular claim in which the disputed term appears, but in the context of the entire patent, including the specification":
- even "the context in which a term is used in the asserted claim can be highly instructive";
- 6. "the specification may reveal a special definition given to a claim term by the patentee that differs from the meaning it would otherwise possess. In such cases, the inventor's lexicography governs";
- 7. even "when guidance is not provided in explicit definitional format, the specification may define claim terms by implication such that the meaning may be found in or ascertained by a reading of the patent documents";
- 8. an "invention is construed not only in the light of the claims, but also with reference to the file wrapper or prosecution history in the Patent Office"; and
- 9. the "prosecution history... consists of the complete record of the proceedings before the PTO and includes the prior art cited during the examination of the patent."

Applicant respectfully submits that this correct legal standard for claim construction negates and/or contradicts each of the claim rejections, as well as the "Note" appearing on page 4 of the Office Action.

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III. The Written Description Rejections

Each of claims 1-113 and 138 was rejected under 35 U.S.C. 112, first paragraph, as allegedly failing to comply with the written description requirement. These rejections are respectfully traversed.

According to MPEP 2163.04, the "description as filed is presumed to be adequate, unless or until sufficient evidence or reasoning to the contrary has been presented by the examiner to rebut the presumption. See, e.g., In re Marzocchi, 439 F.2d 220, 224, 169 USPQ 367, 370 (CCPA 1971)." In the present Office Action, neither evidence nor reasoning has been presented to rebut the presumption. Further, MPEP 2163.04 instructs that "examiner has the initial burden of presenting by a preponderance of evidence why a person skilled in the art would not recognize in an applicant's disclosure a description of the invention defined by the claims" (citing In re Wertheim, 541 F.2d 257, 263, 191 USPQ 90, 97 (CCPA 1976)). Also, MPEP 2163.04 instructs that "[i]n rejecting a claim, the examiner must set forth express findings of fact which support the lack of written description conclusion." No such findings of facts have been set forth.

Applicant respectfully submits that despite the failure of the Office Action to present a prima facie rejection under 35 U.S.C. 112, first paragraph, one of ordinary skill in the art would find that the application contains at least adequate descriptive support for the phrase "demonstrating that more than one activity of the agent is transparent to the client", which appears in claims 1-113, and the phrase "demonstrating to the client the potential transparency of activities of the agent", which appears in claim 138.

As explained in the application on page 7, lines 10-19:

Transparency can mean enabling the communication of information and/or the access to information across a network. Real-time transparency means that the information would reach the other party with a delay of less

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than say a relatively few seconds (such as, for example, within 0 to 60 seconds, 0 to 15 seconds, and/or 0 to 5 seconds). Near-real-time transparency means that the information would reach the other party with a delay longer than just a relatively few seconds (such as, for example, within 5 to 600 seconds, 10 to 60 seconds, and/or 15 to 30 seconds). Ondemand transparency means that the information reaches a requesting party only after requested. Thus, on-demand information can be received in real-time, near-real-time, or after a substantial delay.

At page 9, lines 18-22 is found:

In the few instances where fund managers provide investment management functions to their clients as agents, rather than as principals selling fund shares and trading on behalf of the fund, they have done so without demonstrating transparency to their clients and without enabling the clients to interact with the agent, access information, and/or monitor the agent's activities.

Page 11, lines 4-20 describe "transparency":

Notably, in many situations, real-time or near-real-time transparency can be necessary for an agent to earn sufficient trust from a client so that the client is willing to outsource entire financial functions, and in some situations can also be necessary for the agent to be willing to assume the liability associated with taking over such financial functions. To achieve such transparency, certain embodiments of the invention recognize that a network-based user interface can be advantageously provided to enable a client to access continuously, in real-time or near-real-time, information relating to the day-to-day and/or intra-day activities of an agent acting on behalf of the client. In certain situations, this monitoring

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can be done more effectively than monitoring the activities of the client's own risk management and trading staff through a glass partition. The client might access, through the network-based user interface, the risk management information generated by the agent and thus determine how the agent reacts to such information without the need to request the information from the agent. The access to the information on the activities of the agent can be silent, wherein the agent is not made aware when the client is monitoring the agent's activities, or can be based upon requests made by the client through the network.

At page 12, lines 24-29 is found:

The above type of transparent access to information between a client and an agent, combined with communication security over public networks, the widespread use of data interchange standards, and the proliferation of exchanges and counterparties that permit and/or facilitate the electronic identification, negotiation, and execution of trades, have helped to make certain embodiments of the present invention useful, practical and commercially feasible today.

Page 17, line 27 through page 18, line 2 explains that:

Method 100 can begin at activity 1010 by demonstrating that one, two, or more of the agent's activities can be transparent to the client. The demonstration can be performed by the agent, and can include an explanation of the activities of the agent. The demonstration can also explain how the client might be enabled by the agent to access information and/or monitor activities of the agent.

Page 24, lines 13-22 states that:

Activity 1080 can enable the client to examine a verifiable audit trail of

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record of the information and data created and/or used by the agent to conduct analyses and/or undertake actions on behalf of the client. Such records might be used with the benefit of hindsight to reconstruct the reasons for the actions undertaken by the agent on behalf of the client. This historical transparency can protect both the client and the agent from any disputes that might arise and give the client and its regulator confidence that the agent is performing its functions with competence and is working in the best interests of the client.

Page 29, lines 20-23 describes that:

In this example, the agent first demonstrates the transparency of the method. The demonstration might involve a presentation to the client on how he might be enabled to access information and/or a trial period of one, two, or more of the agent's activities described below.

Page 31, lines 4-10 explain that:

The agent might provide the client with the ability to remotely access and/or monitor, on the client's computer screen, in real-time and/or near-real-time, the risk management information being generated and how the agent is reacting to that risk management information. The analysis of risk management information and/or instructions/ recommendations to the client can be provided by the agent over a network, such as via a Web site, on any desired basis, such as hourly, daily, and/or weekly.

Page 32, lines 6-8 recite:

The agent can implement actions on behalf of the client unless the client via the

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network halts the actions and/or removes the agent's authority to take actions on his behalf.

As evidenced by the Information Disclosure Statement by Applicant filed on 22 July 2005, there are numerous prior art references that demonstrate exemplary technologies for "remotely monitoring" "via a network" on a "computer screen, in real-time and/or near-real-time", "information being generated and how the" operator of the remote computer "is reacting to that" "information", and that these exemplary technologies were well-known by those of ordinary skill in the art as of the filing date of the present application.

For example, the submitted U.S. Patent No. 5,241,625 (Epard), which was filed in 1990, allegedly describes a software program called "Timbuktu" (see col. 13, lines 51-53) as a "system for remotely observing and optionally controlling information, including text and graphical images, displayed on a computer from among both homogeneous and heterogeneous computers coupled in a network" (see Abstract).

Submitted U.S. Patent No. 5,506,573 (Ewing) allegedly recites that "[s] oftware such as Timbuktu Remote or Carbon Copy Mac can allow the computer to be operated from a remote location as if the operator were actually in front of the computer, and not one connected to it." See col. 1, lines 63-67.

Submitted U.S. Patent No. 5,684,952 (Stein) allegedly recites a "system for enabling an administrator to monitor and control individual workstations within the network." See col. 1, lines 12-14. Stein also states that a "screen sharing component 49 processes data pertaining to the information being displayed on the student's screen, and furnishes this data to the master workstation 10. One example of a suitable screen sharing application is the **Timbuktu** product developed by Farallon Computing, Inc. of Alameda, Calif." See col. 5, lines 60-65.

Submitted U.S. Patent No. 5,732,212 (Perholtz) allegedly recites a "system and method for accessing, controlling and monitoring a data processing device". See Abstract. Perholtz

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further states that "[n]etwork software utility programs exist that permit one workstation to access and control the activities of another workstation connected to the network.

Products that tall into this category include, Carbon Copy for LANs, developed by Microcom Inc.". See col. 3, lines 12-17.

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Submitted U.S. Patent No. 6,173,332 (Hickman), which claims priority to a 1996 filing, allegedly recites a "[m]ethod and apparatus for computing over a wide area network". See Title. Hickman further states that "[t]here currently exists a species of software which permits a first computer ("master computer") to monitor and/or control the functionality of a second computer (slave computer). For example, the programs "Timbuktu" and "Carbon Copy" permit a master computer to control a slave computer, or to simply monitor the activity of the slave computer. The owner of the "Timbuktu" software, Farallon Computing, Inc. of Alameda, Calif. has obtained a U.S. Pat. No. 5,241,625 entitled "Screen Image Sharing Among Heterogeneous Computers", the disclosure of which is incorporated herein by reference. More specifically, these prior art software products provide a methodology which allows the screen of a master computer to display an image of the screen of a slave computer. Optionally, the keyboard and mouse of the master computer can provide inputs to (and thereby control) the slave computer as well. " See col. 3, lines 11-26. Hickman asserts that a "client computer (which may or may not be one of the computers on the Internet) can interact with a host computer via the Internet in varieties of ways. For example, the client computer can be used to simply monitor the screen of the host computer. Alternatively, the client computer can be used to both monitor the screen of the host computer and to provide inputs to the host computer via a keyboard, mouse, or other input device." See col. 4, lines 23-30. A "multitasking operating system on a host computer (such as Windows NT.TM. from Microsoft Corporation) would allow each window to be a 'virtual machine' for one or more client computers". See col. 4, lines 45-48. Thus "users from multiple client computers can access a single host machine to permit... multiple individual efforts on that computer system". See col. 5,

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lines 63-65.

Considering the entirety of the present application, which includes its prosecution history and cited references, one of ordinary skill in the art would find that the present application provides at least adequate descriptive support for "transparent" and "transparency". Further, one of ordinary skill in the art would find adequate descriptive support in the present application for the claimed phrases "demonstrating that more than one activity of the agent is transparent to the client" and "demonstrating to the client the potential transparency of activities of the agent". Consequently, reversal of these rejections is respectfully requested.

IV. The Indefiniteness Rejections

Each of claims 114-135, 137, and 139 was rejected under 35 U.S.C. 112, second paragraph, as being indefinite. These rejections are respectfully traversed.

Regarding indefiniteness rejections, the Federal Circuit has held that the law is clear that if the claims, read in light of the specification, reasonably apprise those skilled in the art of the use and scope of the invention, the claims are definite under Section 112, second paragraph. Shatterproof Glass Corp. v. Libbey-Owens Ford Co., 758 F.2d 613, 624, 225 USPQ 634, (Fed. Cir. 1985), cert. dismissed, 474 U.S. 976 (1985).

Upon a careful reading of the specification, one of ordinary skill in the art would conclude that the claim term "client" only refers to a "corporate or institutional client", and that all such described and claimed "clients" are served by the "agent". One of skill in the art would also find it clear from the context of the specification that the applicant only refers to "corporate or institutional clients" and not to "retail clients" (i.e., individuals). Retail clients do not have the complex financial functions (e.g. treasury management, credit management, asset and liability management, risk management, trading, etc.) the outsourcing of which is the subject of the application. Furthermore, the term "corporate and institutional clients" clearly excludes retail clients or individuals as it refers to corporations, insurance companies or banks, which, for the

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purposes of this application, are the only end-user clients or real customers. Accordingly, whenever the term "client" is used, one of ordinary skill in the art would interpret it to mean "corporate or institutional clients" as these are the only real customers of the "agent" who provides the outsourced services described in the present application.

Filed herewith is a 37 CFR § 1.132 Declaration of Dr. William W. Sihler, a professor of Business Administration and Finance at University of Virginia, and one skilled in the art of financial management and financial services.

The Declaration of Dr. Sihler is timely submitted for one or more of at least the following:

- the Office Action's new assertion that the "amendments made (technology and intended use) do not alter the basic words of the claims originally examined...", thereby implying that all of the limitations of the claims were not properly examined;
- the Office Action's new assertion that "[t]hese activities, steps, methods, and
 means are not novel...", thereby implying that in addition to the obviousness
 rejection, the Office Action is asserting a new, and unsupported, novelty rejection
 as well;
- the Office Action's issuance of the new ground of rejection that "the words 'institutional or corporate' are merely an intended use";
- the Office Action's refusal to properly recognize the added claim limitation "institutional or corporate",
- the Office Action's continued refusal to properly recognize the explicit definition of "agent";
- 6. the Office Action's new assertion that "this invention is essentially the outsourcing of many, if not all, common and well known financial functions of one

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company to an agent at another company", without the specific citation and provision of a reference that evidences the assertion;

- 7. the Office Action's new assertion that "[t]here is no difference in the functions performed or how they are performed", without the specific citation and provision of a reference that evidences the assertion; and
- 8. the Office Action's new assertion that "the practice of outsourcing per se is old and well known", without the specific citation and provision of a reference that evidences the assertion.

Applicant respectfully traverses each of the above-listed actions or assertions manifested in the Office Action.

Paragraph 18 of Dr. Sihler's uncontroverted Declaration establishes that "one skilled in the art would interpret the words 'institutional or corporate' as used in [the present application] to be required limitations of each of claims 1-139, and to define the type of 'client' cited in those claims".

Thus, no *prima facie* argument has been presented that claims 114-135, 137, and 139 are indefinite, and even if presented, such argument fails on reasonable scrutiny and proper application of the law. Consequently, reversal of the rejections of claims 114-135, 137, and 139 is respectfully requested.

V. The Anticipation Rejections

1. Claims 114-126, 129, 135, 137, and 139

Each of claims 114-126, 129, 135, 137, and 139 was rejected as anticipated under 35 U.S.C. 102(b). In support of the rejection, Underwood (U.S. Patent No. 5,873,066) was cited. These rejections are respectfully traversed.

Underwood fails to establish a prima facie case of anticipation. See MPEP 2131. To

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anticipate expressly, the "invention must have been known to the art in the detail of the claim; that is, all of the elements and limitations of the claim must be shown in a single prior art reference, arranged as in the claim". Karsten Mfg. Corp. v. Cleveland Golf Co., 242 F.3d 1376, 1383, 58 USPQ2d 1286, 1291 (Fed. Cir. 2001). The single reference must describe the claimed subject matter "with sufficient clarity and detail to establish that the subject matter existed in the prior art and that its existence was recognized by persons of ordinary skill in the field of the invention". Crown Operations Int'l, LTD v. Solutia Inc., 289 F.3d 1367, 1375, 62 USPQ2d 1917, 1921 (Fed. Cir. 2002). Moreover, the prior art reference must be sufficient to enable one with ordinary skill in the art to practice the claimed invention. In re Borst, 345 F.2d 851, 855, 145 USPQ 554, 557 (C.C.P.A. 1965), cert. denied, 382 U.S. 973 (1966); Amgen, Inc. v. Hoechst Marion Roussel, Inc., 314 F.3d 1313, 1354, 65 USPQ2d 1385, 1416 (Fed. Cir. 2003) ("A claimed invention cannot be anticipated by a prior art reference if the allegedly anticipatory disclosures cited as prior art are not enabled.") The USPTO "has the initial duty of supplying the factual basis for its rejection." In re Warner, 379 F.2d 1011, 154 USPQ 173, 178 (C.C.P.A. 1967).

Each of claims 114-126, 129, 135, and 137 recites a "method" or "apparatus" "for a client to outsource financial functions to an agent representing a plurality of institutional or corporate clients". Claim 139 recites a "computer-assisted method for an agent to provide financial functions to each of a plurality of institutional or corporate clients".

As explicitly defined at line 12 on page 10 of the present application, an "agent" is a "financial risk manager".

Of record in the prosecution of the present application is a 37 CFR § 1.132 Declaration of Dr. William W. Sihler, a professor of Business Administration and Finance at University of Virginia, and one skilled in the art of financial management and financial services. No evidence has been properly presented to contradict any aspect of Dr. Sihler's Declaration.

Specifically, paragraph 12 of the uncontroverted Declaration of Dr. Sihler establish that "one skilled in the art would instantly recognize the term 'financial risk manager', as one at

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whom are directed books such as Managing Financial Risk: A Guide to Derivative Products, Financial Engineering, and Value Maximization, by Charles W. Smithson, Publisher: McGraw-Hill Trade; 3rd edition (June 30, 1998), ISBN: 007059354X (see back cover 'for years, financial executives and risk managers have recognized Charles Smithson's Managing Financial Risk as the authoritative source for comprehensive coverage of risk management products')".

The meaning for the phrases "to outsource" and "financial functions" are impliedly defined in the specification of the present application. Under the current legal standards, described *supra*, those definitions must control examination of those claims that recite these phrases.

"Typical financial functions are treasury, credit management, risk management, and trading, together with several of their associated sub-functions." See page 2, lines 16-17. "The activities that make up these financial functions are the relevant daily operations of the front-office trading departments and the associated middle-office risk management and back-office support departments." See page 3, lines 1-3. A detailed listing of the activities of typical front-offices, middle-offices, and back-offices begins on page 3, at line 5, and spans to page 5, at line 12.

Notably, the "activities of the financial functions operate upon financial instruments."

See page 5, line 14. These "financial instruments" "can include each individual transaction/agreement that has been executed and/or might be executed, as well as exposures and/or operational cashflows". See page 5, lines 15-16. But "[n]ot all activities upon financial instruments define a financial function." See page 6, line 7. "For example, a portfolio of derivatives with the same counterparty does not necessarily constitute a financial function just because all the financial instruments (i.e. all the derivatives) have a common counterparty.

However, if the counterparty is the only counterparty with whom the client trades derivatives in connection with, say, its ALM function, and the portfolio of derivatives is accompanied by a set of guidelines that describe, for example, its purpose, objectives, and/or criteria for measuring

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performance, then such activities upon the portfolio of derivatives might qualify as a financial function." See page 6, lines 7-10.

Underwood does not teach or suggest, expressly or inherently, an "agent", a "method" or "apparatus" "for a client to outsource financial functions to an agent representing a plurality of institutional or corporate clients", or a "computer-assisted method for an agent to provide financial functions to each of a plurality of institutional or corporate clients".

Instead, Underwood is allegedly directed to a "computer-implemented system for managing the underwriting, quoting and binding by an insurance company of an excess casualty insurance policy for an insured having a primary insurance policy with a primary insurance limit amount". See Abstract. "The system develops the quotation using a detailed description of the insured's operation, the minimum premium amount information, the selected hazard code, the selected risk modifier code, primary insurance limits, and one or more attachment points." Id.

Underwood explains that "[i]nsurance companies that write excess insurance often receive submissions through licensed insurance wholesalers, brokers and retail producers. When such an insurance business producer wishes to compete for an excess policy, it is important for the insurance company to be able to provide the business producer with a quote which accurately reflects the characteristics of the risk, and, if necessary, to audit any information provided by the business producer before any quote is issued." See col. 1, lines 50-59.

Thus, considering the entire specification and prosecution history of the present application, one of ordinary skill in the art would find it quite clear that a "financial function" has more structure and involves more complex activities than simply requesting quotes for insurance policies and executing agreements on those insurance policies.

Moreover, Underwood makes no mention of any type of "agent", and particularly not an "agent" of the particular type defined in the present application. Further, Underwood provides no teaching or suggestion, either explicitly or inherently, that Underwood's "licensed insurance wholesalers, brokers and retail producers" are equivalent to an "agent" or a "financial risk

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manager" as those terms are defined in the present application.

Accordingly, it is respectfully submitted that the rejections of claims 114-126, 129, 135, 137, and 139 are unsupported by Underwood and should be reversed.

2. Claim 123

Claim 123 recites, yet Underwood does not teach or suggest, expressly or inherently, "silently monitoring across a network one or more of the agent's activities". Instead, Underwood merely "require[s]" "the user" "to document reasons for writing excess coverage", and "[t]his documentation preferably takes place on-line and is directly entered into the system by the insurance underwriter", rather than the "licensed insurance wholesalers, brokers and retail producers". Accordingly, it is respectfully submitted that the rejection of claim 123 is unsupported by Underwood and should be reversed.

3. Claim 124

Claim 124 recites, yet Underwood does not teach or suggest, expressly or inherently, "requesting notification of an effect of one or more actions of the agent on the risk management analysis". Instead, Underwood merely "require[s]" "the user" "to document reasons for writing excess coverage", and "[t]his documentation preferably takes place on-line and is directly entered into the system by the insurance underwriter", rather than the "licensed insurance wholesalers, brokers and retail producers". Accordingly, it is respectfully submitted that the rejection of claim 124 is unsupported by Underwood and should be reversed.

4. Claim 126

Claim 126 recites, yet Underwood does not teach or suggest, expressly or inherently, "requesting information on one or more reasons behind an action determined by the agent". Instead, Underwood merely "require[s]" "the user" "to document reasons for writing excess

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coverage", and "[t]his documentation preferably takes place on-line and is directly entered into the system by the insurance underwriter", rather than the "licensed insurance wholesalers, brokers and retail producers". Accordingly, it is respectfully submitted that the rejection of claim 126 is unsupported by Underwood and should be reversed.

CONCLUSION

It is respectfully submitted that, in view of the foregoing amendments and remarks, the application as amended is in clear condition for allowance. Reconsideration, withdrawal of all grounds of rejection, and issuance of a Notice of Allowance are earnestly solicited.

The Office is hereby authorized to charge any additional fees or credit any overpayments under 37 C.F.R. 1.16 or 1.17 to Deposit Account No. 50-2504. The Examiner is invited to contact the undersigned at 434-972-9988 to discuss any matter regarding this application.

Respectfully submitted,

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Date: 21 October 2005

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